

# **ISIM Structure**

**Jon Lawrence**

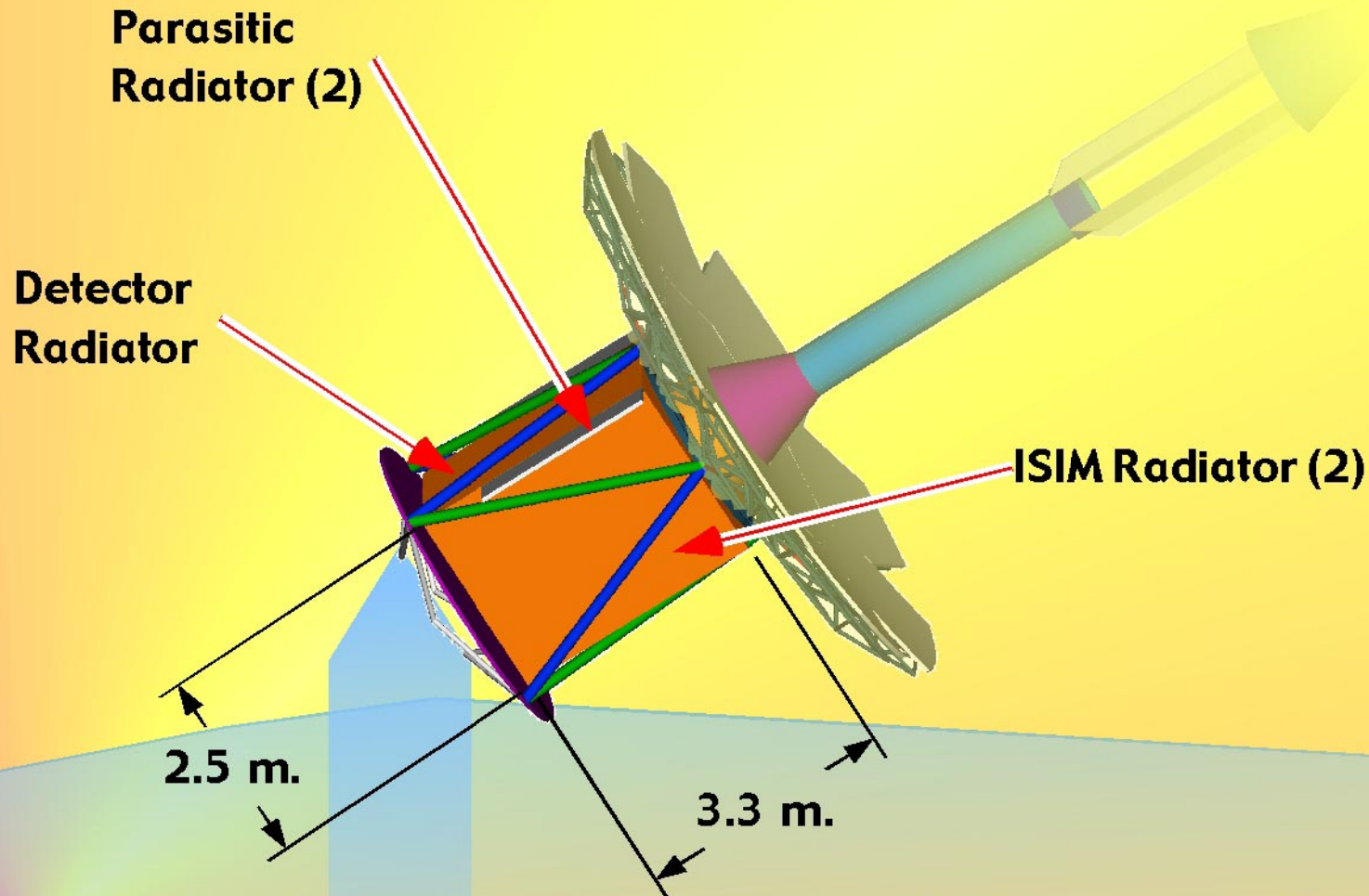
**March 9, 1999**



# ISIM Yardstick Structure

## ISIM General Arrangement

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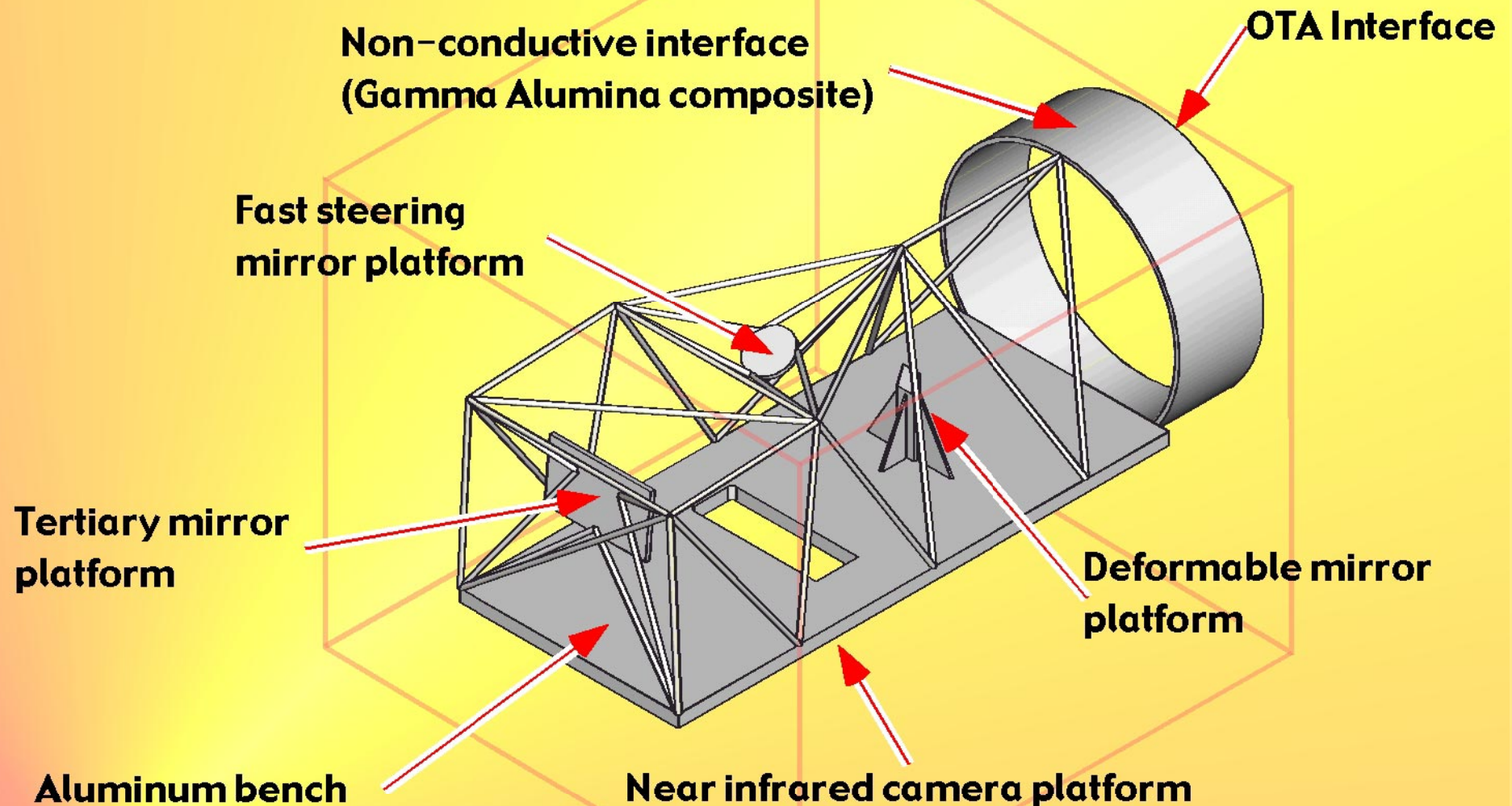
*The Yardstick ISIM is the point of departure for all future phase A ISIM trades.*



# **ISIM Yardstick Structure**

## **ISIM Optical Bench**

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***The ISIM Optical Bench forms the structural, thermal, and optical backbone of the ISIM.***

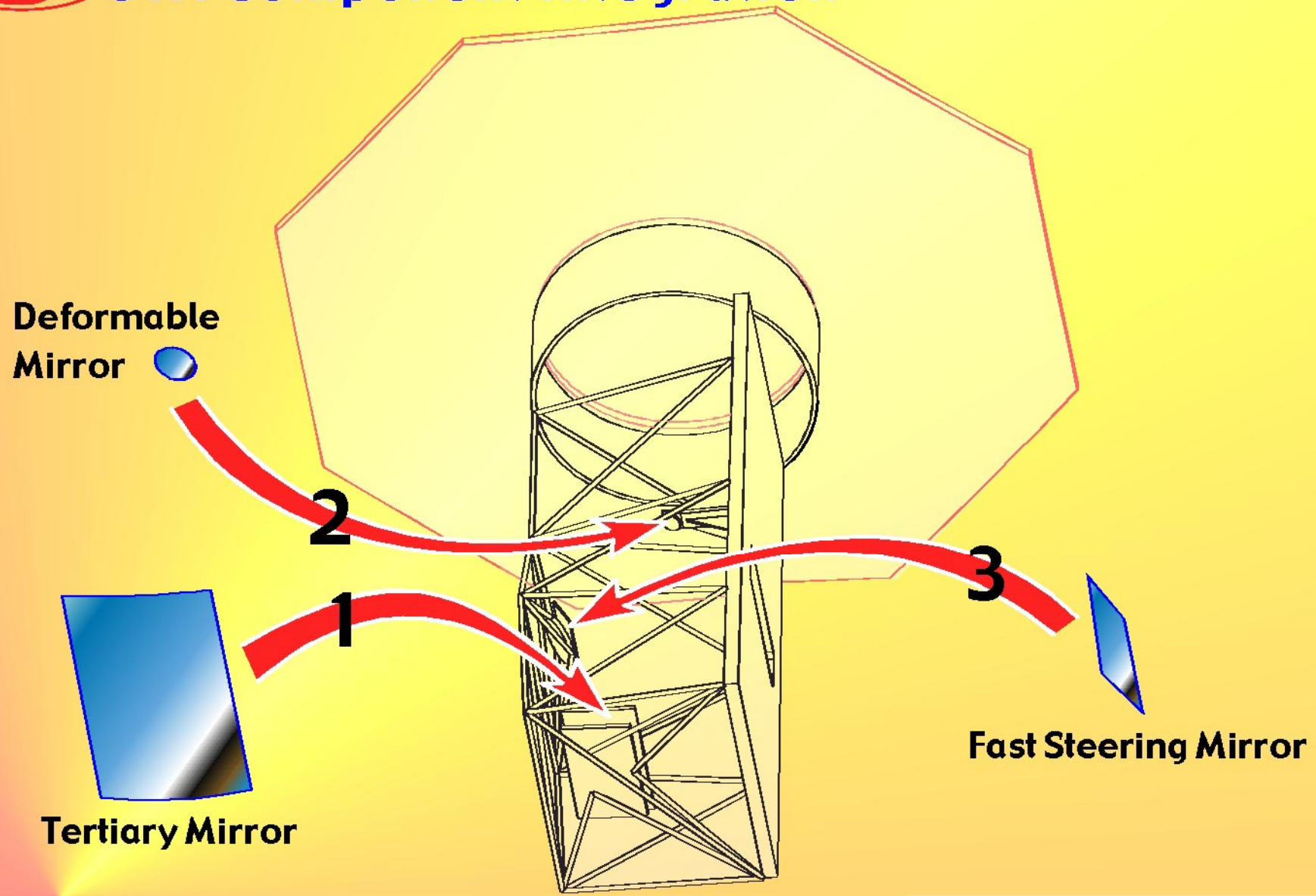




# ISIM Yardstick Structure

## OTA Component Integration

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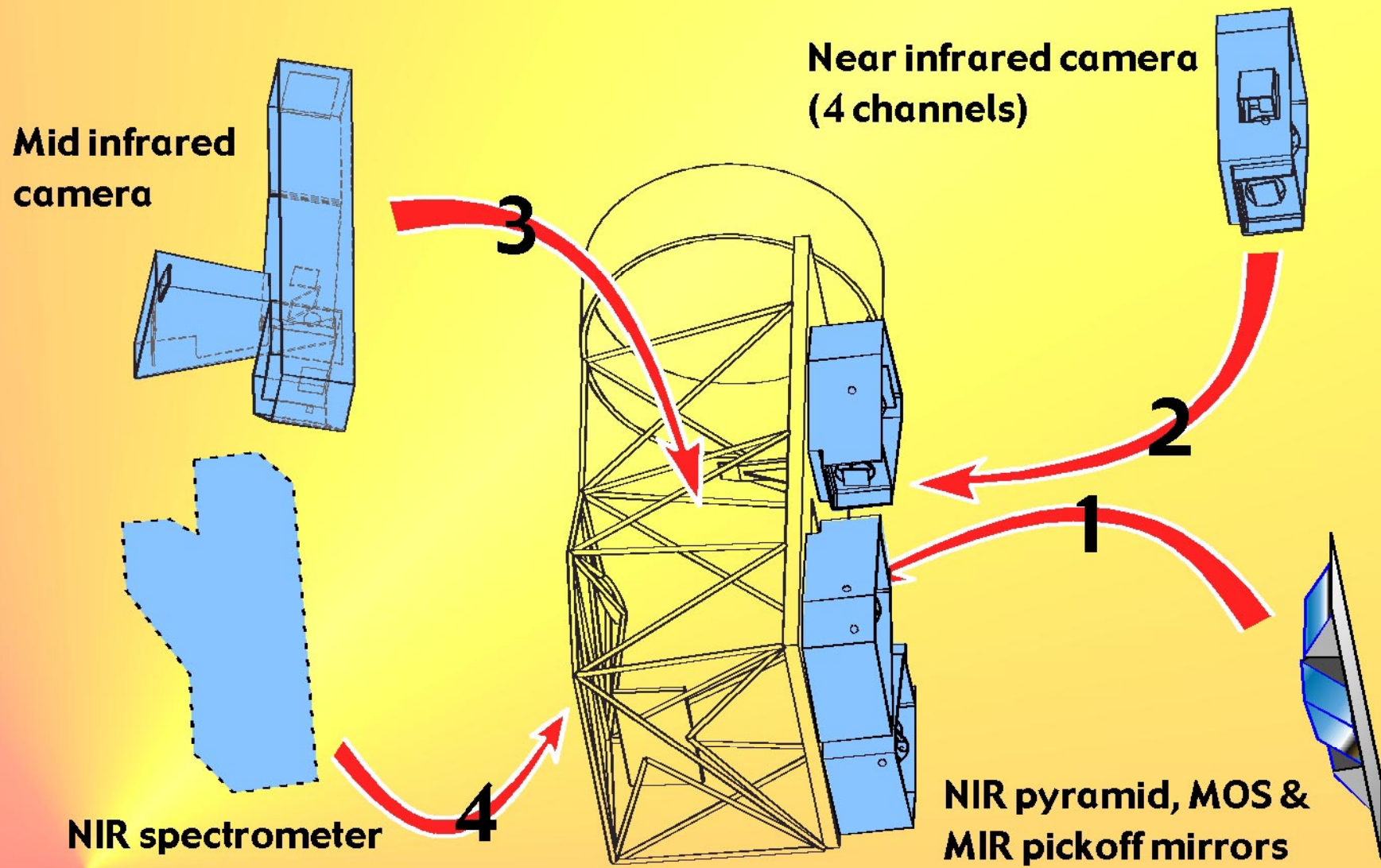


*The OTA components are integrated at the OTA vendor.*



# ISIM Yardstick Structure Instrument Integration

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*Instrument I&T occurs at the Goddard Space Flight Center.*

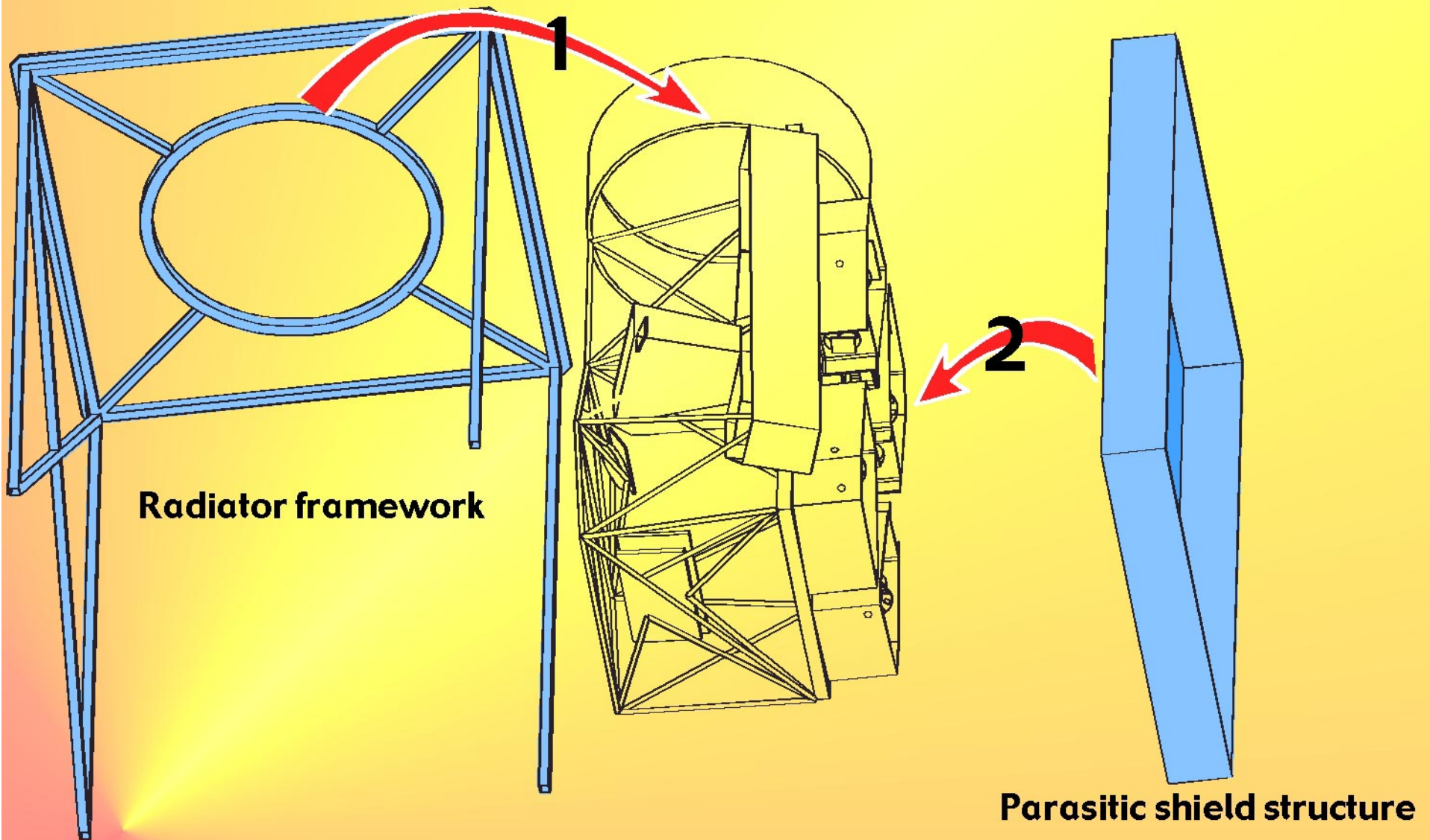




# **ISIM Yardstick Structure**

## **Ancillary Structure Integration**

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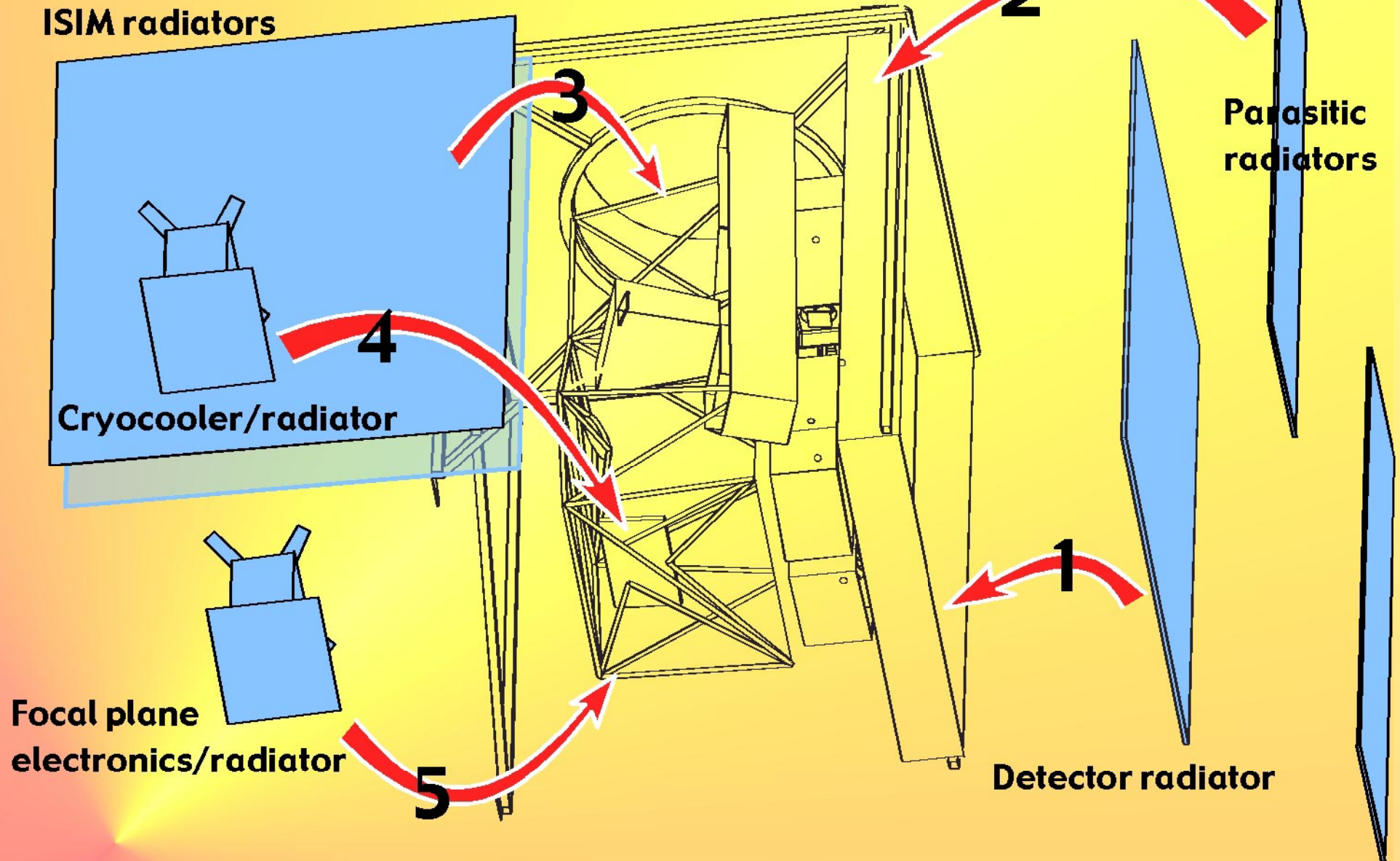
*Exterior structure is supported by the ISIM optical bench.*



# ISIM Yardstick Structure

## ISIM Radiators

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*The ISIM passive thermal system is provided by the GSFC.*

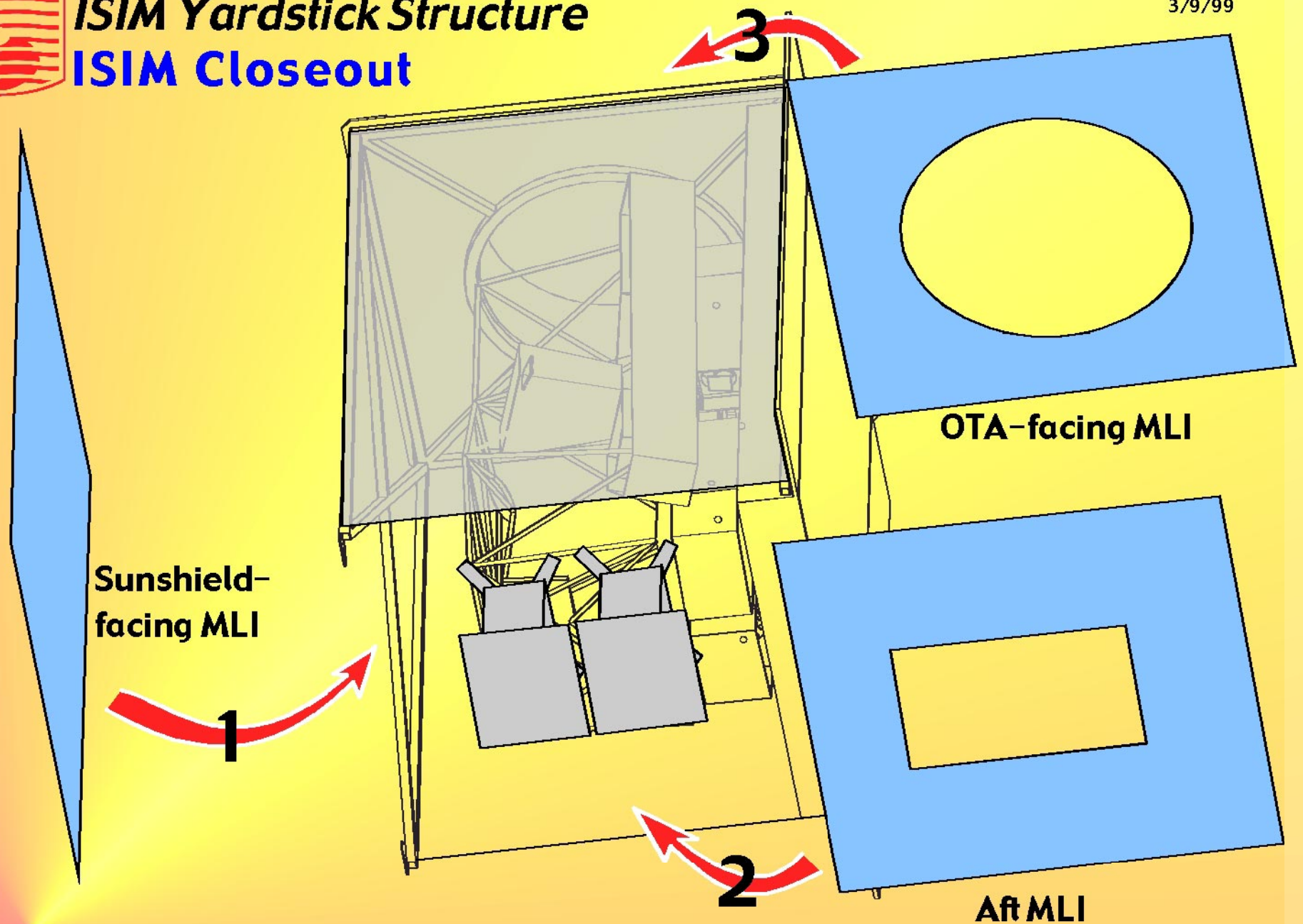




# ISIM Yardstick Structure

## ISIM Closeout

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*Multi-layer insulation closes out non-radiator surfaces.*